

CUBIT Capability Proposal

Technical Area

Geometry, Meshing, Infrastructure, GUI, Graphics, etc..

Technical Lead

Cubit Developer in charge of technical area

Geometry

Byron Hanks

MRD Description

Describe the capability in terms of how a user would see it.

Not applicable – normal CUBIT users will not see this. Only potential users of CGM might.

SRS Description

What needs to be done by Cubit developers to implement this capability? Break the tasks into steps if applicable. (Steps should be on the order of 2 man-weeks or more)

- a) Establish policies (through some sort of collaboration or discussion) to adhere to when implementing a functionality in or through CGM.
- b) Make CGM interfaces (interface from app to CGM and from CGM to the geometry ports) consistent.
- b) Rework the current code so that it adheres to these policies.

Justification

Describe why this is important and what impact it will have if it is implemented. (or not implemented).

Makes development easier, more straightforward and consistent.

A cleaner interface would make CGM more appealing to other developers which could result in joint development.

Resources

Who will work on this

Time estimate

How much time will it take in man-weeks

Targeted Release

10.2 (August 06), 10.3 (March 2007), 10.4 (August 2007), Future (beyond FY07)

Corey Ernst	5-8 weeks	10.2

Submitted By:

Date:

Corey Ernst

03/22/06